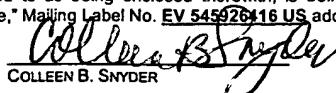


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 36290-0429-00-US (230189)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. If known, see 37 CFR 1.5 107589229
INTERNATIONAL APPLICATION NO. PCT/GB2005/000518	INTERNATIONAL FILING DATE February 14, 2005	
TITLE OF INVENTION STEM CELLS		PRIORITY DATE CLAIMED February 12, 2005
APPLICANT(S) FOR DO/EO/US Alison Murdoch et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has not expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or a declaration of the inventor(s) (35 U.S.C. 371(c)(4)) 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Postcard 		

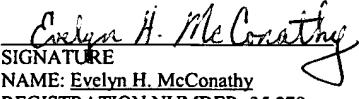
page 1 of 2

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service on 08/11/2006 in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EV545926416US** addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.



COLLEEN B. SNYDER

U.S. APPLICATION (Unknown, see 37 CFR 1.5) 10/59229 No yet assigned	INTERNATIONAL APPLICATION NO. PCT/GB2005/000518	ATTORNEY DOCKET NUMBER 36290-0429-00-US (230189)	
		Calculations	PTO use only
The following fees are submitted:			
21. <input checked="" type="checkbox"/> Basic national Fee\$ 300.00		\$ 300.00	
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) All other situations		\$ 0 \$ 200.00	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$ 100.00 International Search Report prepared and provided to the Office\$ 400.00 All other situations\$ 500.00		\$ 200.00 \$ 400.00	
TOTAL OF 21, 22 and 23 =		\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
* - 100 =	*/50 =	*	× \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA
Total claims		16 - 20 =	0
Independent claims		2 - 3 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	
		TOTAL OF ABOVE CALCULATIONS = \$ 900.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		\$ 450.00	
		SUBTOTAL = \$ 450.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+ \$	
		TOTAL NATIONAL FEE = \$ 450.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$	
		TOTAL FEES ENCLOSED = \$ 450.00	
		Amount to be refunded:	\$
		Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$450.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0573</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0573</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Evelyn H. McConathy, Esquire DRINKER BIDDLE & REATH LLP One Logan Square, 18th & Cherry Streets Philadelphia, PA 19103-7595 Tel.: (215) 988.2700</p>			
 SIGNATURE NAME: <u>Evelyn H. McConathy</u> REGISTRATION NUMBER: <u>35,279</u> DATE: <u>August 11, 2006</u>			